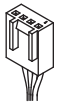
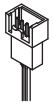
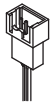
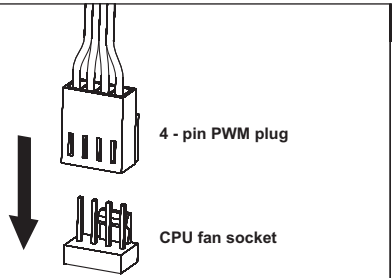
PST Cable

EN Installation manual

Plug / Sockets

PST Cable			Mainboard
			
4 - pin PWM plug x 1	4 - pin PWM socket x 1	3 - pin PWM socket x 3	CPU fan socket x 1

1



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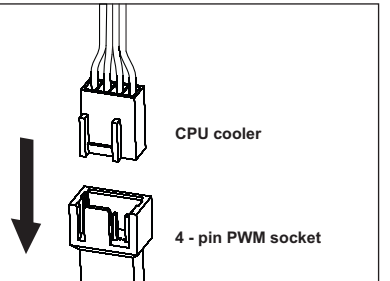

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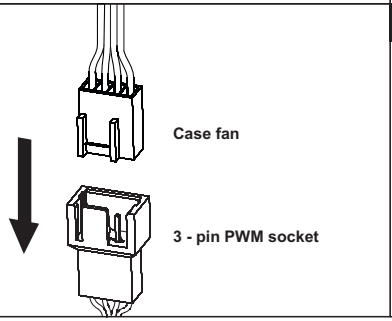
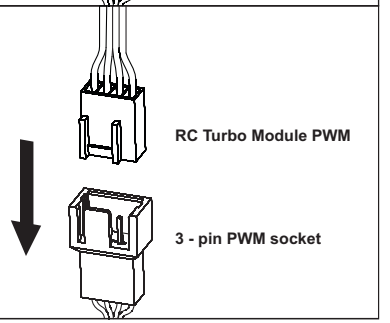


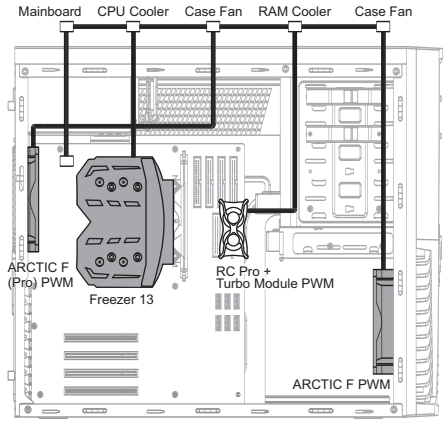
4 *Optional*



With the Patented PWM Sharing Technology (PST), you can connect the CPU cooler, front and rear case fans, RC Turbo module or any other PWM-controlled devices (up to 4 devices). The PST ensures all fans run according to the PWM control signal from “CPU fan” socket on mainboard. This guarantees silent operation whenever possible and performance, when needed.

Generic example shown is for demonstration and explanation use. Users can apply different connections for specific needs.

Overview.

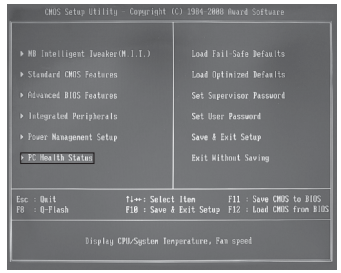


Activate PWM Control

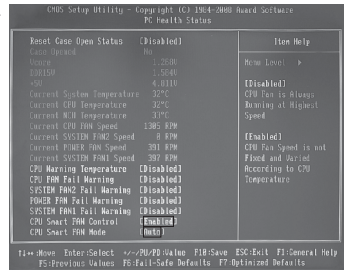
In the mainboard BIOS, you can activate and configure the PWM fan speed control. Please note the examples below are for reference only. Refer to your mainboard manual regarding the setting in your BIOS.

Example one

1.



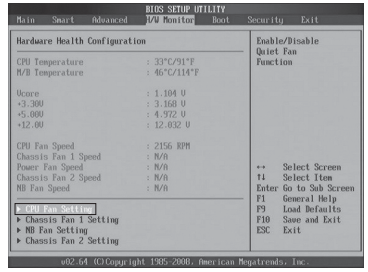
2.


CMOS Setup Utility – Copyright (C) 1984-2008 Award Software
PC Health Status
Reset Case Open Status [Disabled]
Item Help
Menu Level ▸
[Disabled]
CPU Fan is Always Running at Highest Speed
[Enabled]
CPU Fan Speed is not Fixed and Varied According to CPU Temperature
CPU Warning Temperature [Disabled]
CPU FAN Fail Warning [Disabled]
SYSTEM FAN2 Fail Warning [Disabled]
POWER FAN Fail Warning [Disabled]
SYSTEM FAN1 Fail Warning [Disabled]
CPU Smart FAN Control [Enabled]
CPU Smart FAN Mode [Auto]
↑↓→←:Move Enter:Select +/-/PU/PD:Value F10:Save ESC:Exit F1:General Help
F5:Previous Values F6:Fail-Safe Defaults F7:Optimized Defaults

CMOS Setup Utility > PC Health Status > CPU Smart FAN Control [Enabled]
CPU Smart Fan Mode [Auto]

Example two

1.


BIOS SETUP UTILITY
Main Smart Advanced H/W Monitor Boot Security Exit
Hardware Health Configuration
CPU Temperature : 33°C/91°F
M/B Temperature : 46°C/114°F
Vcore : 1.104 V
+3.300 : 3.168 V
+5.000 : 4.972 V
+12.00 : 12.032 V
CPU Fan Speed : 2156 RPM
Chassis Fan 1 Speed : N/A
Power Fan Speed : N/A
Chassis Fan 2 Speed : N/A
NB Fan Speed : N/A
CPU Fan Setting
Chassis Fan 1 Setting
NB Fan Setting
Chassis Fan 2 Setting
Enable/Disable Quiet Fan Function
↔ Select Screen
↑↓ Select Item
Enter Go to Sub Screen
F1 General Help
F9 Load Defaults
F10 Save and Exit
ESC Exit
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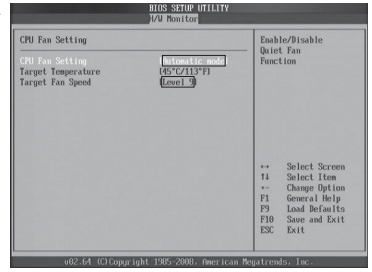
2.



BIOS SETUP UTILITY > H/W Monitor > CPU Fan Setting > CPU Fan Setting [Automatic mode]
Target Fan Speed [Level 9]

Warranty

This ARCTIC Product includes a 2 - year limited warranty. For further details, please visit warranty.arctic.ac

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www.arctic.ac

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